



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/059,031 Confirmation No. : 7279
First Named Inventor : Toshihiro TAKAGI
Filed : January 30, 2002
TC/A.U. : 2623
Examiner : Christopher L. Parry

Docket No. : 010482.50891US
Customer No. : 23911

Title : Channel Selection for Use in Digital/analog Broadcasting
Receiver and Digital/analog Broadcasting Receiver
Equipped with The Same

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, the attached Form PTO-1449 lists documents which the Examiner may deem relevant to patentability of the claims of the above-identified application.

I. Time Period of Submission

This Information Disclosure Statement is submitted:

☐ 1) no later than three months from the application's filing date or 2) before the mailing date of the first Office Action on the merits (whichever is later) or 3) before a first Office Action after the filing of a Request for Continued Examination, and therefore no statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

☒ 2) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, a Notice of Allowance, or an action closing prosecution (*Ex parte Quayle*), (whichever is earlier), and therefore Applicant is filing concurrently herewith:

☐ a Statement under 37 C.F.R. § 1.97(e); or

☒ a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

☐ 3) after either a Final Office Action or a Notice of Allowance, but before payment of the Issue Fee, and therefore Applicant is submitting herewith:

a Statement under 37 C.F.R. § 1.97(e); and

a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

II. Statement Under 37 C.F.R. § 1.97(e)

☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or

☐ I hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or

III. Statement under 37 C.F.R. § 1.704(d)

☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

IV. Submission of Non-English Language Documents

☒ The following is a concise explanation of relevance of the non-English language documents listed in the attached Form PTO-1449:

☐ The relevance of document(s) _____ to the subject matter of the present invention is/are provided in the specification of the above-identified application.

☐ Corresponding foreign or international report(s) citing document(s) _____, together with an English-language version(s) (if not already in English) of that portion of the report(s) indicating the degree of relevance found by the foreign office(s) is/are submitted.

☐ English language family member publication(s) of document(s) _____ is/are noted on Form PTO-1449.

☒ English language abstract(s) is/are submitted for document(s)
CF-CH.

☐ English translation(s) of the foreign language document(s)
_____ is/are submitted herewith.

☐ Applicant submits the following explanations:
_____.

V. Continuations/Divisionals

☐ Documents _____ were of record in parent application Serial No. _____, filed _____, from which this application claims benefit. As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously submitted to or cited by the United States Patent and Trademark Office in the afore-mentioned parent application.

VI. Co-pending Applications

The documents cited in this Information Disclosure Statement have been submitted and/or made of record in co-pending U.S. Application Nos. 10/058,035, 10/058,036, 10/058,149, and U.S. Patent No. 7,050,117, all of which have the same assignee as the present application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, this paper should be considered as an authorization to charge Deposit Account 05-1323, Attorney Docket No.: 010482.50891, for the fee set forth in 37 C.F.R. § 1.17(p).

Respectfully submitted,

July 13, 2006



Stephen W. Palan
Registration No. 43,420

CROWELL & MORING LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
SWP:crr



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/059,031		
		Filing Date	January 30, 2002		
		First Named Inventor	Toshihiro Takagi		
		Art Unit	2623		
		Examiner Name	Christopher L. Parry		
Sheet	1	of	2	Attorney Docket Number	010482.50891US

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	BA	US-5,410,326		04-25-1995	Goldstein	
	BB	US-5,461,427		10-24-1995	Duffield et al.	
	BC	US-5,982,411		11-09-1999	Eyer et al.	
	BD	US- 6,084,643		07-04-2000	Kishtaka et al.	
	BE	US- 6,104,436		08-15-2000	Lee	
	BF	US- 6,215,530	B1	04-10-2001	Wasilewski	
	BG	US-6,313,886	B1	11-06-2001	Sugiyama	
	BH	US-6,367,078	B1	04-02-2002	Lasky	
	BI	US-6,396,523	B1	05-28-2002	Segal et al.	
	BJ	US-6,483,547	B1	11-19-2002	Eyer	
	BK	US-6,490,001	B1	12-03-2002	Shintani et al.	
	BL	US-6,564,378	B1	05-13-2003	Satterfield et al.	
	BM	US-6,598,233	B1	07-22-2003	Choi	
	BN	US- 6,621,528	B1	09-16-2003	Kessler et al.	
	BO	US-6,661,472	B2	12-09-2003	Shintani et al.	
	BP	US- 6,714,264	B1	03-30-2004	Kempisty	
	BQ	US-6,731,345	B2	05-04-2004	Lee	
	BR	US- 6,766,526	B1	07-20-2004	Ellis	
	BS	US-6,817,027	B1	11-09-2004	Curreri	
	BT	US-6,825,874	B1	11-30-2004	Tripathy	
	BU	US-6,836,296	B1	12-28-2004	Terakado et al.	
	BV	US- 7,050,117	B2	05-23-2006	Takagi et al.	
	BW	US-2002/0089603	A1	07-11-2002	Onomatsu	
	BX	US- 2002/0097164	A1	07-25-2002	Takagi et al.	
	BY	US- 2002/0101540	A1	08-01-2002	Takagi et al.	
	BZ	US- 2002/0104102	A1	08-01-2002	Takagi et al.	
	CA	US- 2002/0104103	A1	08-01-2002	Takagi et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/059,031
			Filing Date	January 30, 2002
			First Named Inventor	Toshihiro Takagi
			Art Unit	2623
			Examiner Name	Christopher L. Parry
Sheet 2 of 2	Attorney Docket Number	010482.50891US		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	CB	US-2002/0113895	A1	08-22-2002	Takagi et al.	
	CC	US-2002/0171775	A1	11-21-2002	Okabe	
	CD	US-2004/0133910	A1	07-08-2004	Gordon et al.	
	CE	US-2004/0172661	A1	09-02-2004	Yagawa et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ –Number ⁴ –Kind Code ⁵ (if known)				
	CF	JP 04-227379	08-17-1992	Thomson Consumer Electron Inc.		Abstract
	CG	JP 11-164214	06-18-1999	Sanyo Electric Co. Ltd.		Abstract
	CH	JP 11-275476	10-08-1999	Sony Corp.		Abstract

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.